INDEX TO VOLUME LXXXIII

Pagination according to months:
July, 1948, 1–118
August, 1948, 119–185
September, 1948, 187–278
October, 1948, 279–365
November, 1948, 367–462
December, 1948, 463–603

Acetylcholine, Symposium on the Physiology of 463
Acetylcholine as a Pharmacological Agent. Koppanyi, Theodore 532
Alloxan Diabetes, Antibody Formation in 326
Amino-Acids, Assimilation of 119
Anesthesia and Operation, The Cardiac Mechanism during in Patients with Congenital Heart Disease and Cyanosis 237
Anoxia, Adaptation to in Congenital Heart Disease with Cyanosis 439
Antibody Formation in Alloxan Diabetes. Payne, Torrence P. B. and Cruickshank, Alan H. 326
Assimilation of Amino-Acids, The 119

Bing, R. J.: Physiological Studies in Congenital Heart Disease. VI. Adaptation to Anoxia in Congenital Heart Disease with Cyanosis 439
Bodian, David: The Virus, the Nerve Cell, and Paralysis. A Study of Experimental Poliomyelitis in the Spinal Cord 1
Book Reviews 116, 181, 457
Books Received for Review 118, 462

Campbell, J. A. (See Bing, R. J.) 439
Cardiac Mechanism during Anesthesia and Operation in Patients with Congenital Heart Disease and Cyanosis. Ziegler, Robert F. 237
Carliner, Paul E. (See Gay, Leslie N.) 356
Cerebellopontile Recess, Tumors at the 187
Circulating Anticoagulant as a Cause of Hemorrhagic Diathesis in Man. Conley, C. Lockard, Rathbun, Howard K., Morse, William I., II, and Robinson, James E., Jr. 288
Clinical Manifestations of the Severe Form of Diphtheria, The. Fisher, A. Murray and Cobb, Sidney 297
Coarctation of the Aorta, Renal Function Before and After Surgical Resection of 429
Cobb, Sidney. (See Fisher, A. Murray) 297
Comparative Study of Antihistamine Substances.
I. Introduction and Dale Experiments. Landau, S. Walter and Gay, Leslie N. 330
II. Activity in Vivo Against Histamine Intoxication and Anaphylactic Shock of Guinea Pigs. Landau, S. Walter, Marriott, Henry J. L., and Gay, Leslie N. 343
III. Clinical Observations. Gay, Leslie N., Landau, S. Walter, Carliner, Paul E., Davidson, N. S., Furstenberg, Frank F., Herman, Nathan B., Nelson, William H., Parsons, John W., and Winkenwerder, Walter W. 356

Concerning the Mode of Action of Acetylcholine. Welsh, John H. ... 568
Congenital Heart Disease, Physiological Studies in ... 439
Congenital Heart Disease and Cyanosis, The Cardiac Mechanism during Anesthesia and Operation in Patients with ... 237
Conley, C. Lockard: Circulating Anticoagulant as a Cause of Hemorrhagic Diathesis in Man ... 288
Crowe, Samuel J. (See Proctor, Donald F.) ... 383
Cruickshank, Alan H. (See Payne, Torrence P. B.) ... 326
Cultural Differentiation of Paracolon Bacilli, The. Schaub, Isabelle G. ... 367

Darrow, Chester W. (See Koppanyi, Theodore) ... 561
Davidson, N. S. (See Gay, Leslie N.) ... 356
de Majo, Salvador F. (See Nyda, Morton J.) ... 279
de Nó, R. Lorente: Quaternary Ammonium Ions and Sodium Ions in Nerve Physiology ... 497
Diabetes, Alloxan, Antibody Formation in ... 326
Differential Diagnosis of Tumors at the Cerebellopontile Recess. Revilla, Antonio Gonzalez ... 187
Diphtheria, The Clinical Manifestations of the Severe Form of ... 297

Effect of Anticholinesterases and Related Substances on Nervous Activity in the Cockroach. Roeder, Kenneth D. ... 587
Effect of Ovariectomy and Physiologic Doses of Estradiol upon Body Weight, Linear Growth, and Fat Content of the Female Albino Rat. Nyda, Morton J., de Majo, Salvador F., and Lewis, Roger A. ... 279
Effect of Para-aminohippuric Acid on Sodium Thiosulfate Determinations in Renal Clearance Studies. Elliott, Stuart R., II, and Scott, H. William, Jr. ... 213
Elliott, Stuart R., II.: Effect of Para-aminohippuric Acid on Sodium Thiosulfate Determinations in Renal Clearance Studies ... 213
Estradiol, Effect on Female Albino Rat ... 279

Fisher, A. Murray: The Clinical Manifestations of the Severe Form of Diphtheria ... 297
Folic Acid Antagonists, Observations on the Effects of on Embryonated Eggs ... 275
Furstenberg, Frank F. (See Gay, Leslie N.) ... 356

Gale, Ernest Frederick: The Nitrogen Metabolism of Gram-positive Bacteria ... 119
Gay, Leslie N.: Comparative Study of Antihistamine Substances. III. Clinical observations ... 356
Gay, Leslie N. (See Landau, S. Walter) ... 330, 343
Genecin, Abraham. (See Genest, Jacques) ... 429
Genest, Jacques: Renal Function Before and After Surgical Resection of Coarctation of the Aorta ... 429
Glutamic Acid, Intracellular Utilization of ... 134
Griswold, H. E. (See Bing, R. J.) ... 439

Handelsman, J. C. (See Bing, R. J.) ... 439
Harvey, A, McGehee. (See Roeder, Kenneth D.) ... 600

Hemorrhagic Diathesis, Circulating Anticoagulant as Cause of in Man 288
Herman, Nathan B. (See Gay, Leslie N.) 356

Intracellular Utilization of Glutamic Acid and Its Inhibition by Certain Antibacterial Agents 134
Irradiation of Lymphoid Tissue in Diseases of the Upper Respiratory Tract. Proctor, Donald F., Polvogt, Leroy M., and Crowe, Samuel J. 383
Iso-par, Therapeutic Evaluation of in Otitis Externa 225

Johns Hopkins Medical Society, Proceedings of the Meeting 109

Kattus, Albert A. (See Genest, Jacques) 429
Koppanyi, Theodore: Acetylcholine as a Pharmacological Agent 532
Krop, Stephen (See Nachmansohn, David) 493
Kuffler, S. W. (See de Nó, R. Lorente) 529

Landau, S. Walter: Comparative Study of Antihistamine Substances. I. Introduction and Dale Experiments 330
II. Activity in Vivo against Histamine Intoxication and Anaphylactic Shock of Guinea Pigs 343
Landau, S. Walter (See Gay, Leslie N.) 356
Lewis, Roger A. (See Nyda, Morton J.) 279
Lobotomy, Prefrontal for the Relief of Intractable Pain 229
Lymphoid Tissue, Irradiation of 383

Marrazzi, Amedeo S. (See Welsh, John H.) 580
Marriott, Henry J. L. (See Landau, S. Walter) 343
Meeting of the Johns Hopkins Medical Society 109
Morgan, Herbert R. (See Wagley, Philip F.) 275
Morse, William I., II (See Conley, C. Lockard) 288

Nachmansohn, David: The Rôle of Acetylcholine in Conduction 463
Nature of Penicillin Sensitivity in Staphylococcus Aureus 154
Nelson, William H. (See Gay, Leslie N.) 356
Nerve Cell. A Study of Experimental Poliomyelitis in the Spinal Cord 1
Newman, Elliot V. (See Genest, Jacques) 429
Nitrogen Metabolism of Gram-positive Bacteria, The. Gale, Ernest Frederick 119
Nyda, Morton J.: The Effect of Ovariectomy and Physiologic Doses of Estradiol upon Body Weight, Linear Growth, and Fat Content of the Female Albino Rat 279

Observations on the Effects of Folic Acid Antagonists, Folic Acid, Liver Extract and Vitamine B_{12} on Embryonated Eggs. A Preliminary Report. Wagley, Philip F. and Morgan, Herbert R. 275
Otenasek, Frank J.: Prefrontal Lobotomy for the Relief of Intractable Pain 229
Otitis Externa, Therapeutic Evaluation of Iso-par in 225
Ovariectomy, Effect on Female Albino Rat 279

Pain, Intractable, Prefrontal Lobotomy for the Relief of 229
Para-aminohippuric Acid, Effect of on Sodium Thiosulfate Determinations in Renal Clearance Studies 213
Paracolon Bacilli, The Cultural Differentiation of 367
Paralysis. A Study of Experimental Poliomyelitis in the Spinal Cord 1
Parson, John W. (See Gay, Leslie N.) 356
Payne, Torrence P. B.: Antibody Formation in Alloxan Diabetes 326
Penicillin Sensitivity in Staphylococcus Aureus 154
Physiological Studies in Congenital Heart Disease. VI. Adaptation to Anoxia in Congenital Heart Disease with Cyanosis. Bing, R. J., Vandam, L. D., Handelsman, J. C. Campbell, J. A., Spencer, R., and Griswold, H. E. 439
Poliomyelitis, A Study of Experimental Poliomyelitis in the Spinal Cord 1
Polvogt, Leroy M. (See Proctor, Donald F.) 383
Prefrontal Lobotomy for the Relief of Intractable Pain. Otenasek, Frank J. 229
Proceedings of the Meeting of the Johns Hopkins Medical Society 109
Proctor, Donald F.: Irradiation of Lymphoid Tissue in Diseases of the Upper Respiratory Tract 383

Quaternary Ammonium Ions and Sodium Ions in Nerve Physiology. de Nó, R. Lorente 497

Rathbun, Howard K. (See Conley, C. Lockard) 288
Renal Clearance Studies, Effect of Para-aminohippuric Acid on Sodium Thiosulfate Determinations in 213
Renal Function Before and After Surgical Resection of Coarctation of the Aorta. Genest, Jacques, Newman, Elliot V., Kattus, Albert A., Sinclair-Smith, Bruce, and Genecin, Abraham 429
Revilla, Antonio Gonzalez: Differential Diagnosis of Tumors at the Cerebellopontile Recess 187
Robinson, James E., Jr. (See Conley, C. Lockard) 288
Roeder, Kenneth D. Effect of Anticholinesterases and Related Substances on Nervous Activity in the Cockroach 587
Rôle of Acetylcholine in Conduction, The. Nachmansohn, David 463

Schaub, Isabelle G.: The Cultural Differentiation of Paracolon Bacilli 367
Scott, H. William, Jr. (See Elliott, Stuart R., II) 213
Sickling Phenomenon, Sulfhydryl Compounds and the 176
Sinclair-Smith, Bruce (See Genest, Jacques) 429
Spencer, R. (See Bing, R. J.) 439
Staphylococcus Aureus, Penicillin Sensitivity in 154
Stetson, Chandler A., Jr. (See Thomas, Lewis) 176
Sulfhydryl Compounds and the Sickling Phenomenon. A Preliminary Report. Thomas, Lewis and Stetson, Chandler A., Jr. 176
Symposium on the Physiology of Acetylcholine. Held at the Medical Division, Army Chemical Center, Md., 21 April 1948 463

Therapeutic Evaluation of Iso-par in Otitis Externa. Walker, James S. 225
Thomas, Lewis: Sulfhydryl Compounds and the Sickling Phenomenon 176

Tumors at the Cerebellopontile Recess 187

Vandam, L. D. (See Bing, R. J.) 439
Virus, the Nerve Cell, and Paralysis, The. A Study of Experimental Poliomyelitis in the Spinal Cord. Bodian, David 1

Wagley, Philip F.: Observations on the Effects of Folic Acid Antagonists, Folic Acid, Liver Extract and Vitamine B_{12} on Embryonated Eggs. A Preliminary Report 275
Walker, James S.: Therapeutic Evaluation of Iso-par in Otitis Externa 225
Welsh, John H.: Concerning the Mode of Action of Acetylcholine 568
Winkenwerder, Walter W. (See Gay, Leslie N.) 356

Ziegler, Robert F.: The Cardiac Mechanism during Anesthesia and Operation in Patients with Congenital Heart Disease and Cyanosis 237